

## INTERNATIONAL SEARCH REPORT

International application No.

CT/JP03/15260

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> G01N1/10, 27/26, 27/62, 30/48, 33/48, 35/08, 37/00,  
B01D57/00, 57/02, B81C1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> G01N1/00-1/44, 27/26-27/49, 27/62-27/68, 30/00-30/96,  
33/48-33/49, 35/08-35/10, 37/00, B01D57/00, 57/02,  
B81C1/00-B82B3/00, H01J40/00-49/48

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004  
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
JOIS (JICST FILE)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2001-515216 A (CEPHEID), 18 September, 2001 (18.09.01), Par. Nos. [0054] to [0055], [0085] to [0090]; Figs. 1 to 22 & WO 99/009042 A1 & AU 8906698 A & CA 2301309 A & EP 1003759 A & US 2001-12612 A1	1-9
Y	JP 10-506991 A (Abbott Laboratories), 07 July, 1998 (07.07.98), Full text; Figs. 1 to 6 & WO 96/010747 A1 & CA 2195875 A & EP 783694 A & US 5952173 A1	1-9

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

\* Special categories of cited documents:

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"E" earlier document but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search  
16 March, 2004 (16.03.04)

Date of mailing of the international search report  
30 March, 2004 (30.03.04)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/15260

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2002-524755 A (Advion Biosciences Inc.), 06 August, 2002 (06.08.02), Par. No. [0136]; Figs. 25 to 49 & WO 00/015321 A1 & CA 2343055 A & AU 5800499 A & EP 1113850 A & US 123153 A1	1-9
Y	WO 2002/023180 A (Hitachi, Ltd.), 21 March, 2002 (21.03.02), Examples 1, 2; Figs. 1 to 7 (Family: none)	1-9
A	SANO, BABA, IGUCHI, IIDA, KAWAURA, SAKAMOTO, Dai 63 Kai Extended Abstracts; The Japan Society of Applied Physics, separate Vol.3, 24 September, 2002 (24.09.02), page 1146 (25a-R-8)	1-9
A	M.Baba, T.Sano, N.Iguchi, K.Iida, T.Sakamoto, H.Kawaura, Sixth International Conference on Miniaturized Chemical and Biochemical Analysis Systems (Micro Total Analysis Systems 2002), 03 November, 2002 (03.11.02), Vol.2, pages 763 to 765	1-9
A	Chia-Fu Chou et al., Proceedings of the National Academy of Sciences of the United States of America, 23 November, 1999 (23.11.99), Vol.96, No.24, pages 13762 to 13765	1-9
A	JP 9-504362 A (British Technology Group USA Inc.), 28 April, 1997 (28.04.97), Page 24, line 13 to page 25, line 5; Fig. 7 & WO 94/029707 A1 & US 5427663 A & EP 711412 A & US 5837115 A1 & CA 2164720 A	1-9
A	US 6027623 A (Toyo Technologies, Inc.), 22 February, 2000 (22.02.00), Full text; Figs. 1 to 4 (Family: none)	1-9
A	JP 2002-292600 A (Mitsui Chemicals, Inc.), 08 October, 2002 (08.10.02), Full text; Figs. 1 to 5 (Family: none)	1-9
A	JP 2002-502597 A (Aclara Biosciences, Inc.), 29 January, 2002 (29.01.02), Full text; Figs. 1 to 27 & WO 99/40174 A1 & AU 2488799 A & EP 1053298 A & US 5126022 A1	1-9

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